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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 11635-004001	Application No. 09/839,658
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Bradley et al.	
		Filing Date April 19, 2001	Group Art Unit 4635 1637

### Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
TS	✓ AZ	99/09218	02/25/99	WO				
TS	✓ AAA	99/13319	03/18/99	WO				

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
TS	✓ ABB	Kern, et al., "Direct Hybridization of Large-Insert Genomic Clones on High-Density Gridded cDNA Filter Arrays", BioTechniques 23:120-124, July 1997
	✓ ACC	Rice, et al., "Comparative Genomic Hybridization in Pediatric Acute Lymphoblastic Leukemia", Pediatric Hematology and Oncology, 17:141-147, 2000
	✓ ADD	Kim, et al., "Putative Chromosomal Deletions on 9P, 9Q and 22Q Occur Preferentially in Malignant Gastrointestinal Stromal Tumors", Int. J. Cancer; 85, 633-638; 2000
	✓ AEE	Houldsworth, et al., "Comparative Genomic Hybridization: An Overview", American Journal of Pathology, Vol. 145, No. 6, December 1994
	✓ AFF	Wa'el Fi-Rital, et al., "High-Resolution Deletion Mapping of Chromosome 14 in Stromal Tumors of the Gastrointestinal 14 in Stromal Tumors of the Gastrointestinal Tract Suggests Two Distinct Tumor Suppressor Loci", Genes, Chromosomes & Cancer 27:387-391; 2000
	✓ AGG	David J. Stewart, "Making and Using DNA Microarrays: A Short Course at Cold Spring Harbor Laboratory", Genome Research, www.genome.org
	✓ AHH	Suzuki, et al., "Construction and evaluation of a porcine bacterial artificial chromosome library", Anim Genet; 31(1): 8-12; FEB 2000 <i>Abstract only</i>
	✓ AII	Bertucci, et al., "Sensitivity issues in DNA array-based expression measurements and performance of nylon microarrays for small samples", Hum Mol Genet; 8(9):1715-22; Sep 1999 <i>Abstract only</i>
	✓ AJJ	Zhao, et al., "High-density cDNA filter analysis: a novel approach for large-scale, quantitative analysis of gene expression", Gene 156(2):207-13; Apr 24 1995 <i>Abstract only</i>
	✓ AKK	Kern, et al., "Direct hybridization of large-insert genomic clones on high-density gridded cDNA filter arrays", Biotechniques; 23(1):120-4; Jul 1997 <i>Abstract only</i>
	✓ ALL	DeRisi, et al., "Genomics and array technology", Current Opinion Oncology; 11(1):76-9; Jan 1999 <i>Abstract only</i>
	✓ AMM	DR Walt, "Techview: molecular biology. Bead-based fiber-optic arrays." Science 21:287(5452):451-2; Jan 2000 <i>Title only</i>
	✓ ANN	Mark Schena, "Microarray Biochip Technology", Hardcover Eaton Pub Co.; ISBN: 1881299376; January 2000 <i>Amazon.com review</i>
	✓ AOO	Yan, et al., "CpG Island Arrays: An Application toward Deciphering Epigenetic Signatures of Breast Cancer", Clinical Cancer Research; Vol. 6, No. 4, 1432-1438; April 2000
	✓ APP	Huang, et al., "Methylation profiling of CpG islands in human breast cancer cells", Human Molecular Genetics, Vol. 8, No. 3m 459-470; 1999
	✓ AQQ	J. P. Issa, "CpG-Island Methylation in Aging and Cancer", Curr. Top. Microbiol. Immunol. 249, pp. 101-118; 2000,
TS	✓ ARR	Pfeifer, et al., "Mutation Hotspots and DNA Methylation", Curr. Top. Microbiol. Immunol. 249, pp. 1-19; 2000

Examiner Signature <i>Teresa Stuebelia</i>	Date Considered <i>8/13/02</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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**Other Documents (include Author, Title, Date, and Place of Publication)**

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Examiner Initial	Desig. ID	Document
TS	✓ ASS	Cross, et al., "CpG island libraries from human Chromosomes 18 and 22: landmarks for novel genes", Mammalian Genome, Vol. 11, No. 5, May 2000
	✓ ATT	Eads, et al., "MethyLight: a high-throughput assay to measure DNA methylation", Nucleic Acids Research, Vol. 28, No. 8 E32-00; 2000
	✓ AUU	Pogribny, et al., "A Sensitive New Method for Rapid Detection of Abnormal Methylation Patterns in Global DNA and within CpG Islands", Biochemical and Biophysical Research Communications 262, 624-628; 1999
	✓ AVV	Edward J. Oakeley, "DNA methylation analysis: a review of current methodologies", Pharmacology & Therapeutics, Vol. 84, No. 3, pp. 389-400; December 1999
	✓ AWW	Robertson, et al., "DNA methylation: past, present and future directions", Carcinogenesis, Vol. 21, No. 3, pp. 461-467; March 2000
	✓ AXX	Fan, et al., "Parallel Genotyping of Human SNPs Using Generic High-density Oligonucleotide Tag Arrays", Research, Vol. 10, No. 6, pp. 853-860; June 2000
	✓ AYY	Sapolsky, et al., "High-throughput polymorphism screening and genotyping with high-density oligonucleotide arrays", Genetic Analysis Biomolecular Engineering, Vol. 14, Nos. 5-6, 187-192; Feb 1999
	✓ AZZ	Emerson, et al., "LXIII Cold Spring Harbor Symposium on Quantitative Biology: Mechanisms of Transcription, Biochimica et Biophysica Acta 1423 R45-R51; 1998
	✓ AAAA	DeRisi, J., et al., "Use of a cDNA microarray to analyze gene expression patterns in human cancer," Nature Genetics, 14:457-460; 1996
	✓ ABBB	Schena, et al., "Parallel human genome analysis: Microarray-based expression monitoring of 1000 genes", Proc. Natl. Acad. Sci. Vol. 93, pp. 10614-10619, October 1996
	✓ ACCC	Schena, et al., "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray", Science, Vol. 270, pp. 467-470; 20 October 1995
	✓ ADDD	Shalon, et al., "A DNA Microarray System for Analyzing Complex DNA Samples Using Two-color Fluorescent Probe Hybridization", Genome Research, 6:639-645; 1996
	✓ AEEE	Maskos, et al., "Oligonucleotide hybridisations on glass supports: a novel linker for oligonucleotide synthesis and hybridisation properties of oligonucleotides synthesised <i>in situ</i> ", Nucleic Acids Research, Vol. 20, No. 7; pp. 1679-1684; March 1992
	✓ AFFF	Hacia, et al., "Detection of heterozygous mutations in BGRCA1 using high density oligonucleotide arrays and two-colour fluorescence analysis", Nature Genetics, Vol. 14; pp. 441-447; December 1996
	✓ AGGG	Lockhart, et al., "Expression monitoring by hybridization to high-density oligonucleotide arrays", Nature Biotechnology, Vol. 14, pp. 1675-1680; December 1996
	✓ AHHH	Guo, et al., "Direct fluorescence analysis of genetic polymorphisms by hybridization with oligonucleotide arrays on glass supports", Nucleic Acids Research, Vol. 22, No. 24, pp. 5456-5465; 1994
	✓ AIII	Ramsay, Graham, "DNA chips: State-of-the-Art", Nature Biotechnology, Vol. 16, pp. 40-44; January 1998
	✓ AJJJ	Marshall, et al., "DNA chips: An array of possibilities", Nature Biotechnology, Vo. 16, pp. 27-31; January 1998
	TS	✓ AKKK

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IS	✓ ALLL	Schena, Mark, "Genome analysis with gene expression microarrays", BioEssays, Vol. 18 No. 3, pp. 427-431; January 1996			
TD	✓ AMMM	Beattie, et al., "Hybridization of DNA Targets to Glass-Tethered Oligonucleotide Probes", Molecular Biotechnology, Vol. 4, pp. 213-225; 1995			

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37 CFR §1.98(b))

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
T.S.	✓ AA	4,806,631	02/21/89	Carrico, et al.			
	✓ AB	4,818,681	04/04/89	Dattagupta			
	✓ AC	4,826,789	05/02/89	Jones, et al.			
	✓ AD	4,826,790	05/02/89	Jones, et al.			
	✓ AE	4,937,188	01/26/90	Glese, et al.			
	✓ AF	4,957,858	09/18/90	Chu, et al.			
	✓ AG	4,963,436	10/16/90	Jones, et al.			
	✓ AH	5,008,220	04/16/91	Brown, et al.			
	✓ AI	5,024,933	06/18/91	Yang, et al.			
	✓ AJ	5,055,429	10/08/91	James, et al.			
	✓ AK	5,190,864	03/02/93	Glese, et al.			
	✓ AL	5,215,882	06/01/93	Bahl, et al.			
	✓ AM	5,472,842	12/05/95	Stokke, et al.			
	✓ AN	5,554,744	09/10/96	Bhongle, et al.			
	✓ AO	5,514,785	05/07/96	Van Ness, et al.			
	✓ AP	5,601,982	02/11/97	Sargent, et al.			
	✓ AQ	5,610,287	03/11/97	Nikiforov, et al.			
	✓ AR	5,630,932	05/20/97	Lindsay, et al.			
	✓ AS	5,637,687	06/10/97	Wiggins			
	✓ AT	5,641,630	06/24/97	Shitman, et al.			
	✓ AU	5,665,549	09/09/97	Pinkel, et al.			
	✓ AV	5,830,645	11/03/98	Pinkel, et al.			
	✓ AW	5,965,362	10/12/99	Pinkel, et al.			
	✓ AX	5,976,790	11/02/99	Pinkel, et al.			
T.S.	✓ AY	6,077,673	06/20/00	Chenchik, et al.			

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